INTERNATIONAL SEARCH REPORT

PCT/IB2004/052447

CLASSIFICATION OF SUBJECT MATTER PC 7 G01T1/29 G01T G01T1/202 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO1T Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-10 X US 4 291 228 A (THOMPSON CHRISTOPHER J) 22 September 1981 (1981-09-22) the whole document WO 03/081280 A (LI HONGDI ; URIBE JORGE 1,5,7,9 X (US); BAGHAEI HOSSAIN (US); UNIV TEXAS (US); W) 2 October 2003 (2003-10-02) page 3, line 20 - page 4, line 26 page 7, line 2 - page 18, line 25 US 2002/110216 A1 (SAITO YASUO ET AL) X 1.4 15 August 2002 (2002-08-15) page 1, paragraph 13 - paragraph 15 page 2, paragraph 55 - page 4, paragraph figures 7-9 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled. in the art. *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 01/02/2005 21 January 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Coda, R Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052447

Patent document cited in search report	}	Publication date		Patent family member(s)	Publication date
US 4291228	A	22-09-1981	CA	1120616 A1	23-03-1982
			DE	3007816 A1	22-01-1981
			FR	2459488 A1	09-01-1981
			GB	2051111 A	14-01-1981
			JP	56006175 A	22-01-1981
			SE	436467 B	17-12-1984
			SE	8000773 A	20-12-1980
WO 03081280		02-10-2003	CA	2474761 A	02-10-2003
			EP	1478945 A2	2 24-11-2004
			WO	03081280 A2	2 02-10-2003
			US	2003226972 A	11-12-2003
US 2002110216		15-08-2002	JP	2001242253 A	. 07-09-2001
			US	6396898 B1	1 28-05-2002